IN THE UNITED STATES PATENT AND TRADEMARK OFFICE RECEIVE

he application of:

⁷Ll et al.

Appl. No.: 09/266,935

Filed: March 12, 1999

For:

Compositions and Methods for

Enhanced Synthesis of Nucleic Acid

Molecules

Art Unit: 1655

TECH CENTER 1600,2900

Examiner: Riley, J.

Atty Docket: 0942.4560001/RWE/BJD

Supplemental Amendment and Remarks Under 37 C.F.R. § 1.111

Commissioner for Patents Washington, DC 20231

Sir:

Further to Applicants' Amendment and Reply filed in the present matter on February 27, 2001, and in reply to the Office Action dated March 29, 2001 (PTO Prosecution File Wrapper Paper No. 18), Applicants submit the following supplemental amendments and remarks. This Amendment and Reply is provided in the following format:

- (A) A clean version of each replacement paragraph/section/claim along with clear instructions for entry;
- (B) Starting on a separate page, appropriate remarks and arguments. *See* 37 C.F.R. § 1.121 and MPEP 714; and
- (C) Starting on a separate page, a marked-up version entitled: "Version with markings to show changes made."

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Amendments

Please amend the application as follows:

In the Claims:

Please cancel claims 30-54.

Please enter the following new claims:

55. (New) A composition for use in synthesizing a nucleic acid molecule, comprising one or more enzymes having nucleic acid polymerase activity and one or more isolated compounds having a chemical formula selected from the group consisting of formula II, or a salt thereof:

Formula I:

$$\begin{array}{c|c} & & & \\ & & (R_1)_a & \\ & &$$

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